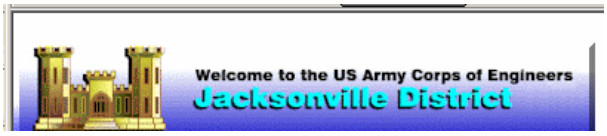

Identification_Information:
Citation: Citation_Information:
Originator: U.S. Army Corps of Engineers, Jacksonville District(comp.)
Publication_Date: 20070123
Publication_Time: Unknown
Title: Tampa Hbr, Lower Tampa Bay, Egmont Cut-1 45'-Project, Cut-2 45'-Foot Project & Mullet Key Channels, 43'-Foot Project FY05
Edition: 05-089 FY05 Project Condition Survey
Geospatial_Data_Presentation_Form: map
Publication_Information:
Publication_Place: U.S Army Corps of Enginners Jacksonville District
Publisher: U.S. Army Corps of Engineers, Jacksonville District, Construction-Operations
Description:
Abstract:
Elevations are in Feet and Tenths and refer to Mean Lower Low Water (MLLW) and reference to NGVD 1929. All elevations are below the reference plane unless preceded by a (+) sign. Tidal reductions were made from multiple tide staffs, 5' Tide Staff (Manual) Mullet Key using 0.85' MLLW for Egmont Cut-1 thru Cut-A at Sunshine Skyway Bridge. Plane coordinates are based on the Transverse Mercator Projection for the West Zone of Florida and referenced to NAD 1983 (NAD83). All azimuths are grid reckoned clockwise from South. All stationing refers to the Centerline of the Channel. Survey was performed using Differential GPS for positioning and utilizing the Egmont Key USCG Navbeacon System, ID No. 312, as the reference site. Vertical measurements were made using a Reson Multi-Beam Echo Sounder with a 200KHS (High Frequency) Hull-Mounted Transducer. Vessel Florida, Date of Survey 03 thru 18 August 2005. Aids to Navigation were located during this survey. Survey accuracy performance standards, quality control and quality assurance requirements were followed during this survey in accordance with USACE EM 1110-2-1003, Hydrographic Surveying, 1 Jan 02.
Purpose: Project Condition Survey Fy05
Supplemental_Information: This data set consists of 36 sheets at a scale of 1" = 100'.
Time_Period_of_Content:

Time_Period_Information:
Range_of_Dates/Times:
Beginning_Date: 20050803
Ending_Date: 20050818
Currentness_Reference: Ground Condition
Status:
Progress: Complete
Maintenance_and_Update_Frequency: As needed
Spatial_Domain:
Bounding_Coordinates:
West_Bounding_Coordinate: -082.984143
East_Bounding_Coordinate: -082.665266
North_Bounding_Coordinate: +27.612971
South_Bounding_Coordinate: +27.592925
Keywords:
Theme:
Theme_Keyword_Thesaurus: Tri - Service Spatial Data Standard
Theme_Keyword: Hydrography
Place:
Place_Keyword_Thesaurus: Geographic Names Information System
Place_Keyword: Florida
Place_Keyword: Hillsborough County
Place_Keyword: Tampa Bay
Place_Keyword: Egmont Key
Place_Keyword: Mullet Key
Place_Keyword: Tampa Hbr
Access_Constraints: None
Use_Constraints:
The data represents the results of data collection/processing for a specific U.S. Army Corps of Engineers activity and indicates the general existing conditions. As such, it is only valid for its intended use, content, time, and accuracy specifications. The user is responsible for the results of any application of the data for other than its intended purpose.
Point_of_Contact:
Contact_Information:
Contact_Organization_Primary:
Contact_Organization: U.S. Army Corps of Engineer Jacksonville District, Construction-Operation Division
Contact_Person: Brain K. Brodehl
Contact_Position: Chief, Hydrographic Survey Section
Contact_Address:
Address_Type: mailing address
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brian.k.brodehl@saj02.usace.army.mil
Hours_of_Service: Any Time
Data_Set_Credit:
U.S. Army Corps of Engineers, Jacksonville District,
Construction-Operation Division, Operation Branch,
Hydrographic Survey Section
Security_Information:
Security_Handling_Description: n/a
Security_Classification: Other
Security_Classification_System: n/a
Native_Data_Set_Environment:
Data collection and editing using Coastal Oceanagraphics
Hypack Software and Mapped using Bently Microstation.
Spatial_Data_Organization_Information:
Direct_Spatial_Reference_Method: Point
Spatial_Reference_Information:
Horizontal_Coordinate_System_Definition:
Planar:
Grid_Coordinate_System:
Grid_Coordinate_System_Name: State Plane Coordinate
System 1983
State_Plane_Coordinate_System:
SPCS_Zone_Identifier: 0902
Transverse_Mercator:
Scale_Factor_at_Central_Meridian:
0.9999411765
Longitude_of_Central_Meridian: -
082.000000
Latitude_of_Projection_Origin: +24.200000
False_Easting: 656166.67
False_Northing: 0 M
Planar_Coordinate_Information:
Planar_Coordinate_Encoding_Method: coordinate pair
Coordinate_Representation:
Abscissa_Resolution: 0.01
Ordinate_Resolution: 0.01

Planar_Distance_Units: Survey Feet
Geodetic_Model:
Horizontal_Datum_Name: North American Datum of 1983
Ellipsoid_Name: Geodetic Reference System 80
Semi-major_Axis: 6378137 m
Denominator_of_Flattening_Ratio: 298.25722
Vertical_Coordinate_System_Definition:
Altitude_System_Definition:
Altitude_Datum_Name: National Geodetic Vertical Datum of 1929
Altitude_Resolution: 0.0
Altitude_Distance_Units: Feet
Altitude_Encoding_Method: Explicit elevation coordinate included with horizontal coordinates
Depth_System_Definition:
Depth_Datum_Name: NGVD 1929 with Mean Lower Low Water Datum (-0.85') applied
Depth_Resolution: 0.1
Depth_Distance_Units: Feet
Depth_Encoding_Method: Explicit depth coordinate included with horizontal coordinates
Distribution_Information:
Distributor:
Contact_Information:
Contact_Organization_Primary:
Contact_Organization: U.S. Army Corps of Engineers Jacksonville District, Construction-Operation Division
Contact_Person: Brian K. Brodehl
Contact_Position: Chief, Hydrographic Survey Section
Contact_Address:
Address_Type: mailing and physical address
Address:
U.S. Corps of Engineers,
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City: Jacksonville
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Postal_Code: 32207-8175
Country: USA
Contact_Voice_Telephone: 904-232-3600
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Contact_Electronic_Mail_Address: brian.k.brodehl@saj02.usace.army.mil
Hours_of_Service: Any Time
Contact_Instructions: n/a
Resource_Description: Survey 05-089
Distribution_Liability:

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Standard_Order_Process:
Digital_Form:
Digital_Transfer_Information:
Format_Name: DGN
File_Decompression_Technique: No compression applied
Digital_Transfer_Option:
Online_Option:
Computer_Contact_Information:
Network_Address:
Network_Resource_Name:
www.saj.usace.army.mil/hydroSurvey/hydro.htm
Access_Instructions:
www.saj.usace.army.mil/hydroSurvey/hydro.htm
Fees: N/A
Metadata_Reference_Information:
Metadata_Date: 20070123
Metadata_Review_Date: 20070123
Metadata_Contact:
Contact_Information:
Contact_Organization_Primary:
Contact_Organization: U.S. Army Corps of Engineer Jacksonville District, Construction-Operation Division
Contact_Person: Brian K. Brodehl
Contact_Position: Chief, Hydrographic Survey Section
Contact_Address:
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Address:
U.S. Army Corps of Engineers,
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Contact_Electronic_Mail_Address:
brian.k.brodehl@saj02.usace.army.mil
Hours_of_Service: Any Time

Contact_Instructions: n/a

Metadata_Standard_Name: FGDC Content Standards for Digital Geospatial Metadata

Metadata_Standard_Version: FGDC-STD-001-1998

Metadata_Time_Convention: Local time

Metadata_Access_Constraints: None

Metadata_Use_Constraints:

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Metadata_Security_Information:

Metadata_Security_Handling_Description: n/a

Metadata_Security_Classification: Unclassified

Metadata_Security_Classification_System: n/a